

POSTOVSKIY, I.Ya.; VLADIMIRTSEV, I.F.

Properties and planarity of some arylaminonaphthoquinones. Doklady
Akad. Nauk S.S.S.R. 84, 74-5 '52. (MLRA 5:6)
(CA 47 no.13:6387 '53)

1. S.M. Kirov Polytech. Inst., Sverdlovsk.

~~V.A.R.~~ Vladimirtsev, I. F.

USSR/Chemistry - Photochemistry

Card 1/1 Pub. 151 - 34/36

Authors : Vladimirtsev, I. F.; Postovskiy, I. Ya.; and Trefilova, L. F.

Title : Steric hindrances and properties of certain aryl amino naphthoquinones

Periodical : Zhur. ob. khim. 24/1, 181-187, Jan 1954

Abstract : The attitude of N-ethylated and N-acetylated derivatives of 2-anilino-3-halogenonaphthoquinone-1,4 was investigated when exposed to light. It was found that ethylated and acetylated products when exposed to sun light separate the ethyl or acetyl groups and convert into non-substituted products. Increased reactivity of the halide atom in position 3 was found to be another prominent characteristic of ethylated and acetylated compounds. The photochemical separation of groups in the nitrogen atom and the increased reactivity of halide atoms in ethylated and acetylated products is explained by the presence of steric hindrances in their molecules. The origin of the steric hindrances is elucidated. Six references: 4-USSR; 1-German and 1-USA (1884-1952). Table.

Institution : The S. M. Kirov Ural Polytechnicum

Submitted : July 11, 1953

VLADIMIRTSKY, I.F.; STROMBERG, A.G.

Polarographic analysis of 2,3-derivatives of 1,4-naphthoquinone.
Zhur. ob. khim. 27 no.4:1029-1041 Ap '57. (MLRA 10:8)

1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova.
(Naphthoquinone) (Polarography)

V. 40. 10. 1975. 7. 5

on the mol. structure, including the presence and nature of the H bond. The half-wave potentials of 4-hydroxyazobenzene (I) and 4-phenylazobenzene (II) were of the same order of magnitude as the half-wave potential of the azobenzene (III) and the half-wave potential of the azobenzene (IV) being much more difficult to reduce. The difference in behavior of the azobenzene (I) and (II) compounds with lower polarization of the O and N atoms in the ring with a H bond than in the compound III. Consequently, the ring became stronger, and the reduction with the Hg drop electrode was more difficult. The substitution group in the phenol para and meta positions in I and II affected the half-wave potentials. The electron-donor OCH₃ group the para position of the phenyl group impeded reduction, while the acceptor group, COOH, helped the reduction of the azo compounds on the Hg electrode as an example of the effect of the substituent group on the reduction of the azo compounds.

VLADIMIRTSSEV, I.F.: STARTSEVA, G.F.

Complexometric metallochromic indicators. Report no.3: Metal
indicators and the acid-basic properties of certain dyes.

Trudy Ural.politekh.inst. no.330:35-40 '63.

(MIRA 17:10)

RAU'KO, V.A.; YAKIMETS, Ye.M.; VLADIMINTSEV, I.F.

Indicators for the complexometric determination of manganese.
Zhur. anal. khim. 20 no.9:955-959 '65. (MIRA 18:9)

1. Ural'skiy politekhnicheskii institut imeni S.M. Kirova,
Sverdlovsk.

VLADJMIRTSEV, I.F.

Complexometric metallochromic indicators. Trudy Ural. pol'tekhn.
inst. no.130:5-14 '63.

Complexometric metallochromic indicators. Ibid. 15-35

(MIRA 17:10)

VLADIMIRTSEV, I.F.

Synthesis of some derivatives of 1,4-naphthoquinone substituted
at the 2,3 positions. Zhur.ob.khim. 30 no.8:2670-2673 Ag '60.
(MIRA 13:8)

1. Ural'skiy politekhnicheskiy institut.
(Naphthoquinone)

CHERKASOV, V.M.; VLADIMIRTSEV, I.F.

Double aryl diazonium chloride salts of niobium and tantalum.
Zhur.ob.khim. 30 no.7:2235-2238 J1 '60. (MIRA 13:7)

1. Ural'skiy politekhnicheskiy institut.
(Niobium compounds) (Tantalum compounds)
(Diazonium compounds)

5.3700B

S/079/60/030/007/011/020
B001/B067 82297

AUTHORS: Cherkasov, V. M., Vladimirtsev, I. F.

TITLE: Double Aryl-diazonium Chlorides of Niobium¹ and Tantalum¹

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 7,
pp. 2235 - 2238

TEXT: No alkyl- and aryl-organo-metallic compounds have hitherto been obtained for niobium and tantalum as well as for most of the transition metals. The data given in Refs. 1-3 on this subject must be doubted. Organo-metallic compounds of vanadium, niobium, and tantalum which were obtained by the diazo method have hitherto not been described. The aim of the present paper was to synthesize double aryl-diazonium salts with niobium and tantalum pentachlorides. To explain the effect of nucleophilic and electrophilic substituents on double diazonium salts, diazonium chlorides with various aryls were used for the reaction with niobium pentachloride. According to data (Refs. 5,6) published on the strong tendency of NbCl_5 toward hydrolysis under the formation of NbOCl_3 ,

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double diazonium salts of niobium oxychloride resulted instead of the expected double diazonium salts of niobium pentachloride. The o- and p-anisyl-diazonium salts and NbCl_5 were taken at a molar ratio of 2 : 1.

Thus, the stable double salts $(\text{CH}_3\text{OC}_6\text{H}_4\text{N}_2\text{Cl})_2 \cdot \text{NbOCl}_3$ with the coordina-

tion formula $[\text{CH}_3\text{OC}_6\text{H}_4\text{N}_2]^+ \begin{bmatrix} \text{O} & \text{Cl} \\ \text{ClNbCl} \\ \text{Cl} & \text{Cl} \end{bmatrix}^{2-}$, and with the coordination number

of niobium were obtained. The double salt of phenyl-diazonium chloride with niobium oxychloride $(\text{C}_6\text{H}_5\text{N}_2\text{Cl})_3 \cdot \text{NbOCl}_3$ was obtained at a ratio of

2 : 1 of the initial products. The ratios 3 : 1 and 1 : 1 yielded salts of unstable composition. For the salt $(\text{C}_6\text{H}_5\text{N}_2\text{Cl})_3 \cdot \text{NbOCl}_3$ two coordina-

tion formulas were suggested. Substitution of hydrogen by the nucleophilic group CH_3O in phenyl increases the stability of double diazonium

salts with NbOCl_3 whereas on the introduction of the electrophilic group NO_2 no double salt is formed at all. Under equal conditions, no

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double aryl-diazonium salts are formed with tantalum pentachloride.
There are 11 references: 8 Soviet and 1 German.

ASSOCIATION: Ural'skiy politekhnicheskii institut (Ural Polytechnic
Institute)

SUBMITTED: July 16, 1959

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VLADIMIRTSEV, I.F.

POSTOVSKIY, I.Ya. (Sverdlovsk); VLADIMIRTSEV, I.F. (Sverdlovsk).

The structure of orthooxyazo compounds of the benzene and
naphthalene series; (polarographic study). Zhur.fiz.khim. 31
no.2:432-439 F '57. (MIRA 10:9)

1. Ural'skiy politekhnicheskii institut im. S.M.Kirova.
(Benzene) (Naphthalene) (Polarography)

VLADIMIRTSEV, I.N.; KIRILLOV, I.A.; LEPEKHINA, M.Ye.; FILATOVA, I.T.,
red.; GOLICHENKOVA, A.A., tekhn. red.

[Trade union of agricultural workers; concise historical study]
Profsoiuz rabochikh sel'skogo khoziaistva; kratkii istoricheskii
oчерk. Moskva, Izd-vo VTsSPS Profizdat, 1961. 245 p.
(MIRA 15:3)

(Trade unions)

(Agricultural workers)

15(2)

SOV/72-59-7-14/19

AUTHOR: Vladimirtsev, K. S.

TITLE: Mechanization and Organization of Work in the Painting Department (Mekhanizatsiya i organizatsiya raboty v zhivopisnom tsekhe)

PERIODICAL: Steklo i keramika, 1959, Nr 7, pp 43 - 47 (USSR)

ABSTRACT: The percentage number of workers occupied in the Dulevo Works with the decorating of products by means of various methods may be seen from the table. The problems of adaption to assembly line production and the mechanization of all work in the painting department are solved by different ways. A cradle assembly line of a length of 445 m transports the products to the working places and to the furnace. 6 persons each work at the 4 assembly lines according to the method of transfer in which the color samples are transferred from the paper to the products (see Fig 1) and then introduced into a drying chamber above the assembly line. The paper is then taken off, the necessary improvements are made, and the products are transported to the furnace by means of a cradle assembly line. By this method the output could be increased by 20 to 25%. In the department 2 assembly lines which are operated by 14 persons,

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Mechanization and Organization of Work in the
Painting Department

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and which supply approximately 4000 plates of a diameter of 240 mm in one layer, work according to the method of transfer by printing. Figure 2 shows a semi-automatic aerograph (PA-1) which applies the color pattern by means of a sprayer and a pattern. Its design and its mode of operation are described in detail. The output per layer is 3600 pieces, the working cycle is 8 sec and its weight is 195 kg. The burning of the ornamented products is performed in 4 muffle furnaces and in one without muffles. The latter was constructed recently according to a design by the GIKI (see Fig 3). The burning is carried out in cases at temperatures of from 950 to 980°. The furnace without muffles may be easily fitted into an assembly line. After the introduction of the new assembly lines and the mechanization of the working processes an increase in the output of the painting department by 20 to 25% is expected. There are 3 figures and 1 table.

ASSOCIATION: Dulevskiy farforovyy zavod imeni gazety "Pravda" (Dulevo Porcelain Works imeni the "Pravda" Newspaper)

Card 2/2

ABDUL'MANOV, Gata Fattakhovich; FOTAPOV, P.M., red.; VLADIMIRTSEV.
V.P., red.

[Natural and casinghead gases and their utilization] Pri-
rodnye, poputnye neftianye gazy i ikh primeneniye. Kazan',
Tatarskoe knizhnoe izd-vo, 1961. 73 p. (MIRA 18:9)

VLADIMIRTSEV, Yu.A.

Intermediate layers in the ocean. Okeanologiya 3 no.5:798-
802 '63. (MIRA 16:11)

1. Gosudarstvennyy okeanograficheskiy institut.

LERMAN, M.I.; VLADIMIRTSEVA, Ye.A.; TERSIKH, V.V.; GEOEGIYEV, G.P.

Nature of newly formed RNA of animal cell. Biokhimiia 30 no.2:375-387
Mr-Apr '65. (MIRA 18:7)

1. Institut biologicheskoy i meditsinskoy khimii i Institut virusologii
AMN SSR i Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR,
Moskva.

VLADISLAVLEV, A.S.; KOZOBKOV, A.A.; MESSERMAN, A.S.; PISAREVSKIY, V.M.;
KHACHATURYAN, S.A.

Physical modeling of the pressure vibrations in pipeline
systems. Gaz. delo no.1:14-17 '65.

(MIRA 18:6)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni institut
neftekhimicheskoy i gazovoy promyshlennosti im. akad. Gukina
i Vsesoyuznyy zaochnyy politekhnicheskoy institut.

VLADISLAV VY, A.S.

Investigating the resonator dampers of pressure pulsations in
the pipeline systems of compressor stations. Izv. vyz. ucheb.
zav.; nef. i gaz. no. 12:27-34. 1964 (MIRA 18:2)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im. akademika I.M. Gubkina.

VLADISLAVLEV, L.A., inzh.

New diagram of flowmeter for adjustable-blade turbines. Elek.
sta. 31 no.2:27-29 F '60. (MIRA 13:5)
(Hydraulic turbines) (Flowmeters)

VLADIMIRTSEV, S. I.

"On the Asymmetry of the Sympathetic Trunks of the Human Nervous System." Dr Med Sci, Central Inst for the Advanced Training of Physicians, 28 Dec 54. (VM, 17 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: SUM No. 556, 24 Jun 55

VLADIMIRTSEV, S.I.

VLADIMIRTSEV, S.I., kand.med.nauk

Hospital use of antitreticular cytotoxic serum. Medych.zhur. 19 no.2:
92 '49. (MIRA 10:12)
(SERUM THERAPY) (WOUNDS--TREATMENT)

VLADIMIRTSEV, S.I., dotsent

Asymmetry of the human sympathetic nerve trunks; preliminary report.
Khirurgiia 32 no.8:59-61 Ag '56. (MLBA 9:12)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii
Dagestanskogo meditsinskogo instituta (dir. - dotsent S.Yu. Alibekov)
(SYMPATHETIC NERVOUS SYSTEM, anat. and histol.
asymmetry of sympathetic nerve trunks)

USSR / Human and Animal Morphology (Normal and Pathological). The Peripheral Nervous System. S-2

Abs Jour: Ref Zhur-Biol., No 10, 1958, 45529.

Author : Vladimirtsev, S. N.

Inst : Dagestans Medical Institute

Title : Concerning Complementary Sympathetic Trunks.

Orig Pub: Sb. nauchn. tr. Dagest. Med. in-t, 1956, 6, 112-113.

Abstract: Three cases of a complementary sympathetic trunk (ST) in female embryos, 6-7 months old, are described. In the first case, the trunk, 15 mm. long, proceeded along the anterior surface of the spinal column from the 4th intercostal space to the 8th rib. It consisted of six ganglia, connected by internodal branches. From the right ST, eight branches approached it, and from it sixteen branches proceeded to the anterior surface

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USSR / Human and Animal Morphology (Normal and S-2
Pathological). The Peripheral Nervous System.

Abs Jour: Ref Zhur-Biol., No 10, 1958, 45529

Abstract: of the aorta. In the second case, a complementary trunk, 15 mm. long, proceeded from the 6th intercostal space to the 10th rib, and consisted of ten ganglia, joined by intercostal branches. Six branches approached it from the left ST, and nine branches departed from it to the thoracic aorta. In the third case, a complementary trunk proceeded from the 5th intercostal space to the 11th rib. It was 21.4 mm. long and consisted of ten ganglia. Eight branches approached it from the left ST, and from it ten branches approached the thoracic aorta. -- N.G. Turkevich

Card 2/2

AKHMETZYANOV, Yunus Akhmetzyanovich; PETINA, L.V., red.; SOKOLOVA,
A.V., red.; RAFIKOV, M., red.; VLADIMIRTSEV, V., red.;
TROFIMOVA, A., tekhn. red.

[Tatar cookery]Tatarskie bliuda. Kazan', Tatarskoe knizhnoe
izd-vo, 1961. 127 p. (MIRA 15:12)

1. Chlen Tsentral'nogo kulinarnogo soveta pri Ministerstve
torgovli RSFSR (for Akhmetzyanov).
(Cookery, Tatar)

USSR/Chemistry - Polarography

21 Apr 52

"Polarographic Investigations of Some Hydroxyazo Compounds," N. F. Vladimirtsev, I. Ya. Postovskiy, Ural Polytech Inst iment S. M. Kirov, Sverdlovsk

"Dok Ak Nauk SSSR" Vol LXXXIII, No 6, pp 855-858

Azo compds were reduced on a mercury drop electrode at a half-wave potential of 0.300-0.500 depending on the nature of the substituting group. Azobenzene, phenylazobenzene and their hydroxy derivatives were investigated. The polarographic data obtained show that this method can be used for comparative quant characterization of the mutual

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effect of groups and atoms in the mol of some hydroxyazo compds, especially, for detg the effect of the OH, OCH₃, and SO₃H on the reducibility of azo groups.

22374

VLADIMIRTSEV, V. F.

GALIULLIN, A.S.; VLADIMIRTSSEV, V.P., red.; GALKINA, V.N., tekhn.red.

[Questions of stability in programmed motion] Nekotorye voprosy
ustoichivosti programmogo dvizheniia. Kazan', Tatarskoe
knizhnoe izd-vo, 1960. 85 p. (MIRA 13:11)
(Automatic control)

GINSTLING, A.M., doktor tekhn.nauk; BARSOV, V.V., inzh.; VLADIMIRTSEV,
V.P., teknik

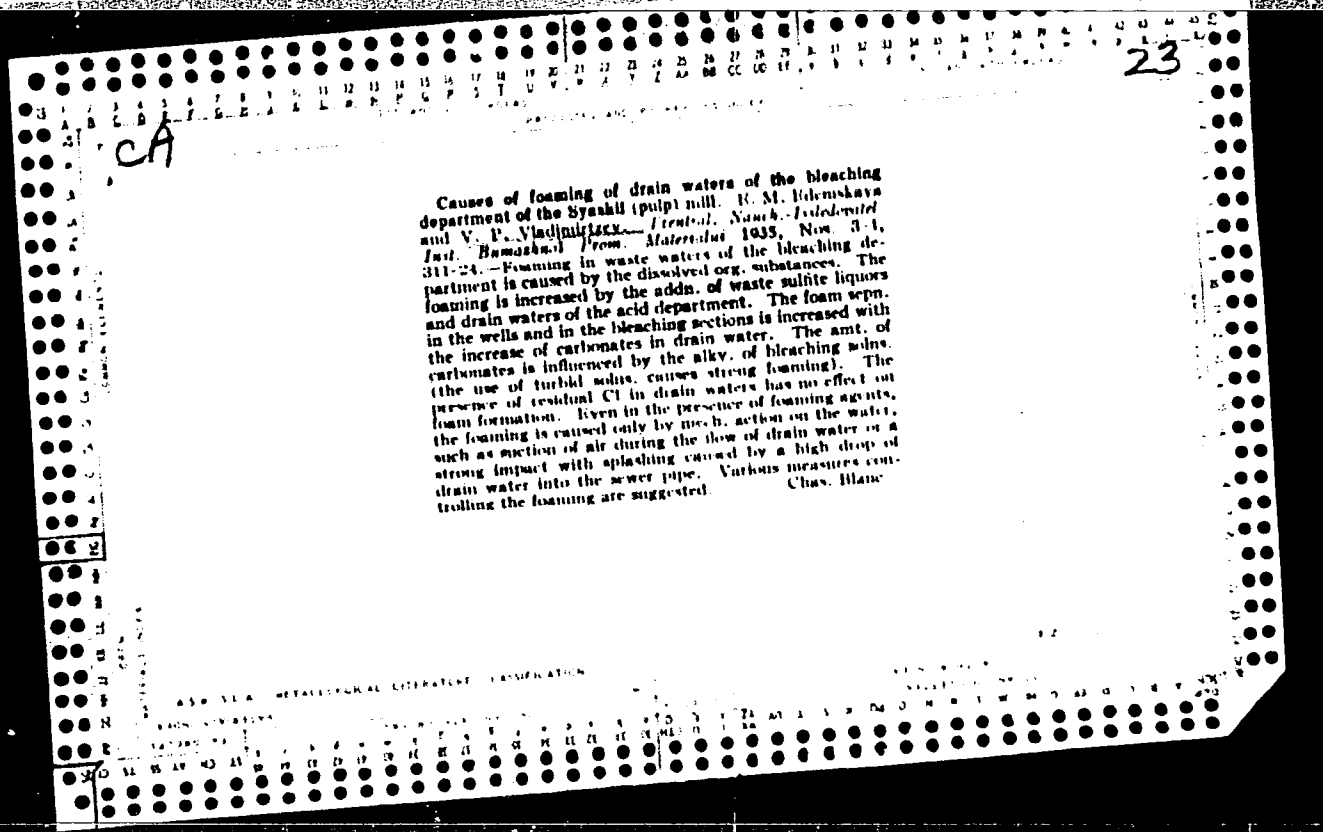
Conditions for the operation of plate-type heat exchangers.
Bum.prom. 35 no.1:16-18 Ja '60. (MIRA 13:6)

1. Leningradskiy tekhnologicheskii institut tsellyulozno-bumazhnoy promyshlennosti (for Ginstling and Barsov).
2. Zaveduyushchiy proizvodstvom Syas'skogo tsellyulozno-bumazhnogo kombinata (for Vladimirtsev).
(Heat exchangers)

VLADIMIRTSEV, V.P.; YUFA, M.S.

Use of conical vortex purifiers for the cleaning of tower acid,
Bum. prom. 32 no.7:21 J1 '57. (MIRA 10:11)

1. Syas'skiy tsellyulosno-bumashnyy kombinat.
(Sulfuric acid)
(Chemical engineering--Equipment and supplies)



KALYAGIN, V.A.; VLADIMIREV, V.P., red.

[Brief instructions for planning the heating and ventilation in production shops of glass factories; scientific and technological information on questions of industrial safety] Kratkie ukazaniia po proektirovaniu otopeniia i ventilatsii v vyrabotochnykh tsekhakh stekol'nykh zavodov; nauchno-tekhnicheskaiia informatsiia po voprosam okhrany truda. Kazan', Tatarskoe knizhnoe izd-vo, 1962. 31 p. (MIRA 18:5)

ABDULLIN, R.A.; MINGAREYEVA, R.Sh., red.; VLADIMIRTSEV, V.P., red.;
ZAYNULLIN, I.Kh., tekhn.red.

[Using spring dewaxers in oil fields of the Tatar A.S.S.R.]
Letaiushchii skrebok na neftepromyslakh Tatarii. Kazan',
Tatarskoe knizhnoe izd-vo, 1959. 26 p.

(Tatar A.S.S.R.--Oil wells--Cleaning)

(MIRA 14:2)

SHULUTKO, Lazar' Il'ich, prof.; VLADIMIRTSEV, V.P., red.;
NABIULLINA, R.S., tekhn. red.

[Lateral curvature of the vertebral column in children
(~~s~~coliosis)] Bokovoe iskrivlenie pozvonochnika v detei
(skolios). Kazan', Tatarskoe knizhnoe izd-vo, 1963. 102 p.
(MIRA 16:7)

(SPINE--ABNORMALITIES AND DEFORMITIES)

RUSETSKIY, Iosif Iosifovich; TEREKULOV, Abdul-Vali Khusanovich;
VLADIMIRTSEV, V.P., red.; TROFIMOVA, A.S., tekhn. red.

[Brief manual on Chinese acupuncture]Kratkoe rukovodstvo
po kitaiskomu igloukalyvaniu. Kazan', Tatarskoe knizhnoe izd-
vo, 1962. 130 p. (MIRA 16:5)

(ACUPUNCTURE)

BUSHKANETS, Yefim Grigor'yevich; VLADIMIR' SEV, V.F., red.

[Kazan; a guidebook] Kazan', putevoditel'. Izd.2.,
Kazan', Tatarskoe knizhnoe izd-vo, 1964. 139 p.
(MIRA 18:3)

FRANTSEV, Yu.P., rektor, otv. red.; IVAN'KOVICH, N.F., red.; VLADIMIRTSEV, V.S., red.; STEPANYAN, TS.A., prof., red.; CHANGLI, I.I., starshiy nauchnyy sotr., kand. ekonom. nauk, red.; YESELEV, N.Kh., red.; GUSEV, K.V., red.; BONAREV, N., red.; GRINGAUZ, S., red.; SPITSYNA, A., red.; KUZNETSOVA, A., tekhn. red.

[Standard-bearers of communist labor] Znamenostsy kommunistiche-
skogo truda. Moskva, Moskovskii rabochii, 1961. 322 p.

(MIRA 14:12)

1. Akademiya obshchestvennykh nauk pri Tsentral'nom komitete Kom-
munisticheskoy partii Sovetskogo Soyuza i Chlen-korrespondent AN SSSR
(for Frantsev). 2. Zaveduyushchiy sektorom Instituta filosofii
AN SSSR (for Stepanyan). 3. Institut filosofii AN SSSR (for Changli).
(Labor and laboring classes)

VLADIMIRTSEV, V.S.; VINOGRADOV, S.F., red.

[Let us speed up the development of technological progress]
Uskorim tempy tekhnicheskogo progressa. Moskva, Gospolitizdat,
1960. 16 p. (MIRA 14:1)
(Russia--Industries)

VLADIMIRTSEV, Yu.A.

Study of mixing processes in the Black Sea. Okeanologiya 1 no.6:
976-982 '61. (MIRA 15:1)

1. Moskovskiy gosudarstvennyy universitet, kafedra okeanologii.
(Black Sea, Hydrology)

VLADIMIRTSEV, Yu.A.; ZAKLINSKIY, A.B.; NAZARETSKIY, L.N.

Vertical stability of water masses in the northeastern Atlantic
in fall and winter. Trudy MGI 17:76-95 '59. (MIRA 12:10)
(Atlantic Ocean--Hydrology)

VLADIMIR TSEV, N. A.

PHASE I BOOK EXPLOITATION SOV/3012

3(9)

Academiya nauk SSSR. Morskoy gidrofizicheskiy institut

Prilozheniya (Physics of the Sea) Moscow, Izd-vo AN SSSR, 1959.

95 p. (Series: Trudy, Vol 17) Errata slip inserted.

1,300 copies printed.

Ed.: A. A. Ivanov, Doctor of Physical and Mathematical Sciences; Ed.: I. N. Ed. of Publishing House: N. D. Ierzhov; Tech. Ed.: I. N. Onseva.

PURPOSE: This issue of the Institute's Transactions is intended for oceanographers, hydrographers, and geophysicists.

COVERAGE: This collection of articles treats problems in physics of the sea. Individual papers discuss waves and tide hydrodynamics, free surface perturbations, the Black Sea tsunami of 1927, and the characteristics of the vertical stability of the water masses in the Iceland-Faroe Island-Great Britain area.

A paper by I. I. Stas' proposes solving the problem of the decreasing level of the Caspian Sea by diverting waters of the Sea of Azov by canal through the Rumanian territory.

References accompany individual articles.

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AVAILABILITY: Library of Congress

Card 1/3

1-28-60

VLADIMIRTSEV, Yu.A.

Bottom convection in the Black Sea. Izv. AN SSSR. Ser. geofiz.
no.7:974-977 J1 '62. (MIRA 15:7)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Black Sea--Ocean temperature)

VLADIMIRTSEV, Yu.A.

Winter vertical circulation in the Black Sea. Vop. geog.
no.62:126-130 '63. (MIRA 17:3)

VLADIMIRTSEV, Yu.A. (Moskva)

The abyssal circulation in the Black Sea. Okeanologia 4 no.6:
1013-1019 '64. (MIRA 18:2)

VLADIMIRTSEV, Yu.A.; KOSAREV, A.N.

Some characteristics of convective mixing in the Black and Caspian
Seas. Okeanologiya 3 no.6:979-985 '63. (MIRA 17:4)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

VLADIMIRTSEV, Yu.A.; GEORGIYEV, Yu.S.

Some problems in the hydrology of the northwestern part of the
Black Sea. Vest.Mosk. un. Ser. 5: Geog. 17 no.2:33-36 Mr-Apr
'62. (MIRA 15:5)

1. Kafedra okeanologii Moskovskogo universiteta.
(Black Sea--Hydrology)

VOYT, S.S.; AKSENOV, D.A.; BOGORODSKIY, M.M.; SINYUKOV, V.V.; VLADIMIRTSEV,
Yu.A.

Some circulation characteristics of waters of the Black Sea and
their regime in the Bosphorus region. Okeanologiya 1 no.4:613-625
'61. (MIRA 14:11)

1. Morskoy gidrofizicheskiy institut.
(Black Sea--Ocean currents)

VLADIMIRTSEV, Yu.A.

A study of the near-bottom convection in the ocean; a review of Soviet and foreign research. Okeanologia 4 no.4:533-563 '64.

(MIRA 17:10)

ACC NR: AP6030453

(N)

SOURCE CODE: UR/0213/66/006/004/0569/0579

AUTHOR: Vladimirtsev, Yu. A.

ORG: none

TITLE: Deep-water circulation in the Mediterranean basins of the world ocean

SOURCE: Okeanologiya, v. 6, no. 4, 1966, 569-579

TOPIC TAGS: oceanography, deep water circulation, ~~strait~~, ~~precipitation~~, ~~climate~~, ocean current

ABSTRACT: There are several areas in the World Ocean isolated from the open ocean. It is suggested that such areas should be called "Mediterranean basins." Five such basins have been distinguished. So far, no review has been published on oceanography of the Mediterranean basins. The present paper presents, for the first time, a brief review on the study of deep-water circulation in the Mediterranean basins, dealing in only with the general structure and dynamics of deep-water masses. Detailed treatment of deep-water mixing and water renewal problems as well as those of water exchange in straits is intended to be published in subsequent communications. Some recent publications devoted to deep-water structure and circulation are also reviewed.

SUB CODE: 08/ SUBM DATE: 23Sep65/ ORIG REF: 021/ OTH REF: 031/

Card 1/1

UDC: 551.465.4(26.03)

44250

S/035/62/000/012/007/064
A001/A101

3.1240
3.1250

AUTHORS: Kalinenkov, N. D., Vladimirtsev, Yu. V., Grigor'yev, V. M.,
Skomorovskiy, V. I.

TITLE: A photoelectric installation for studies of the Moon and planets

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 12, 1962, 16,
abstract 12A165 ("Byul. Astron. observ. im. V. P. Engel'gardta",
1961, no. 36, 61 - 66)

TEXT: The installation consists of an electrophotometer, a photoelectric
spectrophotometer and a spectropolarimeter. Parts can be easily interchanged
when one type of observations is replaced by another. Usually a slit spectro-
graph is screwed to the telescope ocular end. A photohead which contains a pho-
tomultiplier, a projecting and a guidance system can be inserted in front of the
spectrograph slit. A d.c. amplifier is designed according to V. I. Moroz's pro-
posal with insignificant modifications. ЭПП-09 (EPP-09) serves as a recording
device. At a favorable weather it is possible to observe the Moon, planets and
stars down to 7 - 8^m. The spectrograph has glass optics, one prism and dispersion

Card 1/3

A photoelectric installation for studies of...

S/035/62/000/012/007/064
A001/A101

of 80 A/mm at H γ . It is possible to imprint comparison spectrum calibrating and standardization scales. The second slit of the spectrograph can be displaced uniformly along dispersion. In order to reduce the effects of atmospheric transparency changes, scintillations and other interferences, a deducting system is employed, with division of the light beam and two photomultipliers. A special arrangement of resistors in supply divisors of photomultipliers is used to reduce the signal-to-noise ratio. Signals from the $\Phi 3Y(PEU)$ are fed to logarithmic amplifiers, and from the latter to the deducting device whose output is recorded on a d.c. oscillograph with a plane screen. The screen is photographed. In place of the head of the electrophotometer, a polaroid with its rotational system can be mounted in front of the spectrograph slit. Monochromatic bundle passing through the spectrograph second slit turns out to be modulated in case of polarized light. A signal from the photomultiplier of the spectrophotometer is fed to the vertical plates of the oscillograph, while horizontal sweep is synchronized with rotation of the polaroid. There is a device for determination of position angles on oscillograms. Instrumental polarization is taken into account by means of the deducting device. The polarimeter measures reliably monochromatic (4 - 8 A) polarization of about 1%, the accuracy of determining

Card 2/3

A photoelectric installation for studies of...

S/035/62/000/012/007/064
AC01/A101

polarization degree is better than 0.1% and of position angles - from 1 to 5°. X
Optical and electric diagrams of all the units are presented.

R. Botsula

[Abstracter's note: Complete translation]

Card 3/3

KALINENKOV, N.D.; VLADIMIRTSEV, Yu.V.; GRIGOR'YEV, V.M.; SKOMOROVSKIY,
V.I.

Photoelectric unit for studying the moon and planets. Bul.
Kaz.astron.obser. no.36:60-66 '61. (MIRA 15:8)
(Astronomical photography--Equipment and supplies)
(Photoelectric measurements--Equipment and supplies)

BRITIKOV, Ye.A.; VLADIMIRTSEVA, S.V.; MUSATOVA, N.A.

Transformation of proline in germinating pollen and pistil
tissues. Fiziol.rast. 12 no.6:953-967 N-D '65. (MIRA 18:12)

1. Institut fiziologii rasteniy imeni K.A.Timiryazeva AN
SSSR, Moskva. Submitted July 7, 1964.

AGOL, V.I.; VLADIMIRTSEVA, Ye.A.

Some co-enzymes of respiration and glycolysis in tumor cells
treated with antisera. Vop.med.khim. 8 no.1:64-67 Ja-F '62.
(MIRA 15:11)

1. Institut poliomyelita i virusnykh entsefalitov AMN SSSR,
Moskva.

(TUMORS) (SERUM) (COENZYMES)

B. M. VLADIMIRISKY, A. A. STEPANYAN

On the Fundamental Features of Forbush Effect and on the Small Effects
of the Flares

report submitted for the 8th Intl. Conf. on Cosmic Rays (IUPAP), Jaipur India,
2-14 Dec 1963

ZACEK, Karel; VLADIMIRVONKA; ADAM, Ervin; ADAMOVA, Vlasta; RADKOVSKY, Josef

The state of seroimmunity for poliomyelitis in Czechoslovakia. J. Hyg. Epidem., Praha 2 no.4:423-437 1958.

1. Institute for Sera and Vaccines, Prague, Clinical Laboratory for Research on Poliomyelitis, Institute of Epidemiology and Microbiology, Prague. K. Zacek, Ustav ser a ockovacich latek, Praha 12, Srobarova 48, Czechoslovakia.

(POLIOMYELITIS, immunol.

serol. tests in Czech.)

1. VLADIMOVICH, I. I. and POZHIDAYEV, N. N.
2. USSR (600)
4. Textile Fabrics
7. "Study of clothing materials." N. A. Arkhangelskiy. Reviewed by I. I. Vladimovich, N. N. Pozhidayev. Leg.prom. 12 no. 11, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

Vladimir
KHODOV, A.; VLADIMIROV, Ya.

Aeroclub's daily activities. Kryl. rod. 7 no.10:12b-12c 0 '56.
(Cheliabinsk Province--Aeronautical societies) (MIRA 11:2)

VLADIMIROV, Yu. P.
VLADIMIROV, Yu.A.; KONEV, S.V.; LITVIN, F.P.

Second All-Union Conference on Photosynthesis. Biofizika 2 no.3:
392-399 '57. (MIRA 10:8)

(PHOTOSYNTHESIS--CONGRESSES)

VLADIMIROV, Y. A.

AUTHOR: Vladimirov, Yu. A.

20-5-17-48

TITLE: Some Features of the Fluorescence of Aromatic Amino Acids
(Nekotoryye osobennosti fluorestsentsii aromaticheskikh
aminokislot).

PERIODICAL: Doklady AN SSSR, 1957, Vol. 116, Nr 5 pp. 780-783 (USSR)

ABSTRACT: The present work investigates the possibilities of the energy transfer of a quantum from different donors to aromatic amino acids which emit this energy in form of luminescence. The measurings are shortly described. The curves of the concentration extinction have the same form with various wave lengths of exciting light. This speaks in favor of the fact that the extinction could be caused by the migration of energy between the molecules. A table contains the relative intensities of the fluorescence of powders and solutions of amino acids. The quantum yield of the fluorescence of troptophane as well as of phenylalanine in dry state was constant for some wave lengths within the range of own absorption. Crystalline alanine and lysine were neither fluorescent in dry state nor in solution. The screening effect of phenylalanine observed is a little smaller than

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Some Features of the Fluorescence of Aromatic Amino Acids.

20-5-17/48

the theoretically observed screening and is least clear in highest concentrated solutions. This fluorescence sensitized with phenylalanine can be observed much clearer in mixed crystals of these substances. The production of these mixed crystals is shortly described. The author determined the spectra of excitation of the fluorescence of these substances using two light filters. The results are shown in a diagram as well as in a table. The spectral composition of the luminescence of deposits is the same with excitation by light of various wave lengths. This spectral composition is similar to the emission spectrum of triptophane and differs clearly from the fluorescence of phenylalanine. The relative intensity of the fluorescence of the compound is greater with the excitation by band 254m μ than with excitation by band 280m μ of the same intensity. Thus the quanta absorbed in the system by phenylalanine and by triptophane are emitted in form of the fluorescence of triptophane and we obviously have to deal with a migration of energy from phenylalanine to triptophane. This migration obviously takes place according to the exciton mechanism. Furthermore the author investigates the excitation spectra of fluorescence with living yeast by means of the measurements of the

Card 2/3

Some Features of the Fluorescence of Aromatic Amino Acids. 20-5-17/48

albumin luminescence. The experimental material collected hitherto makes possible at any time the statement that within an albumin molecule a migration of energy according to the mechanism of inductive resonance is possible. There are 4 figures, 2 tables, and 11 references, 6 of which are Slavic.

ASSOCIATION: Moscow State University imeni M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova).

PRESENTED: May 30, 1957, by A. N. Terenin, Academician

SUBMITTED: May 16, 1957.

AVAILABLE: Library of Congress

Card 3/3

SOV/124-58-5-5396

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 63 (USSR)

AUTHOR: Vladinets, I.I.

TITLE: On the Approximate Determination of the Initial Stability of a Submarine (O priblizhennom opredelenii nachal'noy ostoychivosti podvodnoy lodki)

PERIODICAL: Tr. Nikolayevskogo korablestroit. in-ta, 1956, Nr 8, pp 114-124

ABSTRACT: Bibliographic entry

1. Submarines--Stability 2. Approximate computation--Applications

Card 1/1

ANDREYEV, M.M.; VLADISLAVLEV, V.S.; VOZDVIZHENSKIY, B.I.;
KONYCHEV, M.I.,

[Extradeep drilling down to the upper mantle] O bureni
sverkhglubokikh skvazhin na verkhniyu mantiyu Zemli,
1962-1963. Moskva, 1964. 104 p. (MIRA 18:6)

1. Akademiya nauk SSSR, Institut nauchnoy informatsii.

VLADISAVLJEVIC, Lazar

Congenital lack of both clavicles. Srpski arh. celok. lek.
83 no.3:390-394 March 55.

1. Hirurska klinika Vojno-medicinske akademije JNA u Beogradu.

Nacelnik: pukovnik prof. Izidor Papo, potpukovnik, dr.

Vladisavljevic, Lazar.

(CLEIDOCRANIAL DYSOSTOSIS,
(Ser))

VLADISAVLJEVIC, Lazar

Syndaktylia with other abnormalities in an adult. Srpski
arh. celok. lek. 83 no.10:1160-1162 Oct 55.

1. Poliklinika Vojno-medicinske akademije u Beogradu.
Nacelnik: pukovnik dr. Dragoslav Smiljanic.

(TOES, abnormalities,

syndactylia with hyperdactylia & clinodactylism. (Ser))

(ABNORMALITIES,

syndactylia with hyperdactylia & clinodactylism. (Ser))

VLADISAVLJEVIC, Z.

Structural equivalence of concrete irrigation canals. p. 533.
(Tehnika, Vol. 12, no. 4, 1957. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 7,
July 1957. Uncl.

VLADISAVLJEVIC-MEDAK, Zivko

Some quantitative aspects of turbulent flow. Saop. Inst. vofiz.
Cerni 9 no.23;7-10 '62.

TATAROV, Ivan, arkh; VLADISHKAI, Doncho, arkh.

Architectural problems in designing the sports hall of the complex
"Universiada." Arkhitektura 8 no.9/10:10-24 '61

BC

B-3-1

Loosely bound humic substances of soil colloids as a factor of spontaneous coagulation and structure. S. A. Vlodavets (Pedology, 1958, No. 11, 48-54).—The weakly adhesive particles of loosely bound humic substances allow aggregate formed by the coagulating action of the first fraction of humus colloids to break down easily into small granules, so that the soil displays an interpenetrating system of capillaries ensuring favourable conditions for plant growth. The stabilizing effect on aggregates of the first fraction is a property of great agroecomic val.

S. and P. (m)

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

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ABRAMSON, M.G., kand. tekhn. nauk; ANDREYEV, A.V., inzh.; PEREGUDOV,
A.A., inzh.; VLADISLAVLEV, Yu.Ye., inzh.

Experimental investigations on the construction of roller bits
with diameters of 76, 97, and 112 mm. Gor. zhur. no.9:37-41 S
'65. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut burovoy
tekhniki, Moskva.

KUROCHKIN, G.A.; TRAVKIN, V.S.; VLADISLAVLEV, ~~Yu.Ye.~~; ANTONOV, N.V.;
GUREVICH, E.M.; SHIT, Ye.E.; PETROPAVLOVSKIY, B.P.; ACHKASOV,
N.I.; BORMOTIN, I.M.

Inventions. Cor.zhur. no.2874-75 P '63. (MIRA 16:2)
(Mining machinery--Technological innovations)
(Earthmoving machinery--Technological innovations)
(Railroads--Rails)

PHASE I BOOK EXPLOITATION

SOV/6047

Braynes, Samuil Natanovich, Anatoliy Viktorovich Napalkov, and Vladislav Borisovich Svechinskiy

Neyrokibernetika (Neurocybernetics) Moscow, Medgiz, 1962. 170 p.
10,000 copies printed.

Ed.: K. M. Kullanda; Tech. Ed.: N. A. Bul'dyayev

PURPOSE: This book is intended for research scientists concerned with the application of cybernetics to the study of the functions of the nervous system and the brain.

COVERAGE: The book deals with the application of the methods of cybernetics to the scientific analysis of complex processes of control, processing, and transmission of information. These elements represent the basic forms of activity of the nervous system and the brain and control the function of internal organs. The book treats the representation of nerve networks, self-programming systems, complex systems of conditional reflexes, mechanisms of complex behavior based

Card 1/2 2

Neurocybernetics

SOV/6047

on processing stored information, classification of ideas and development of concepts by robots, and the application of neurocybernetics in physiology and medicine. The possibility of using cybernetics in surgery, in particular, is pointed out. Chs. I, II, and VI are general in character and should be of interest to physicists, biochemists, pathologists, and physicians in research. Chs. II, III, IV, and V should be of interest to specialists in engineering, cybernetics and theoretical cybernetics and to physiologists using the methods of cybernetics. Chs. III and IV will also be of interest to research workers concerned with neurocybernetic experiments on the brain. The authors thank A. I. Berg, Academician, Director of the Institut khirurgii (Institute of Surgery); A. A. Vishnevskiy, Professor, Member, Academy of Medical Sciences USSR; E. Ya. Kol'man, Academician; V. S. Novikov, Professor; A. L. Andreyev, Professor; and A. A. Bednyakov, Engineer. There are 140 references: 99 Soviet (including 24 translations), 32 English, 7 German, 1 Czech, and 1 Polish.

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Introduction

Ch. I. Scope of Neurocybernetics

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5

PHASE I BOOK EXPLOITATION SOV/5998

Maslov, Yuvenaliy Aleksandrovich, and Vladislav Dmitriyevich Gorozhanin

Avtomaticheskaya svarka tonkolistovoy vysokoprochnoy stali (Automatic Welding of High-Strength Sheet Steel) Moscow, Mashgiz, 1961. 38 p. 8500 copies printed.

Resp. Ed.: L. A. Malanicheva, Engineer; Tech. Ed.: N. A. Dugina.

PURPOSE: This booklet is intended for engineers, technicians, and skilled weldors engaged in welding alloy steel sheets.

COVERAGE: Experience gained by industry in the automatic welding of 30KhGSA and 25KhSNVFA alloy steel sheets is described. Information is given on the technology, equipment, and accessories used in the welding of these steels. The welding of tubes and tanks with 1 to 2 mm-thick walls made from 1Kh18N9G steel and used in aggressive media under pressures up to 200 atm. is also described. No personalities are mentioned. There are 6 references, all Soviet.

Card 1/2

L 38568-66

ACQ NR: AP6027686

SOURCE CODE: YU/0006/65/000/01-/0003/0009

AUTHOR: Ferenc, Vladislav--Ferents, V. (Graduate engineer; Zagreb)

ORG: Geodesic Faculty, Zagreb (Geodetski fakultet)

TITLE: Choice of basis for setting out of bridges

SOURCE: Geodetski list, no. 1-3, 1966, 3-9

TOPIC TAGS: general construction, triangulation

ABSTRACT: During the construction of bridges, the positions of the supports within the river bed must be fixed by microtriangulation methods. The trigonometric side from whose end points one sets out the bridge one calls the base for setting. The base may be in general perpendicular or parallel to the direction of the axis of the bridge. The author discusses in considerable details the errors related to the utilization of the two types of bases and concludes from appropriate error diagrams that it is more convenient to use the basis parallel to the longitudinal axis of the bridge. Bases perpendicular to the bridge axis must be very long if the limits of errors are to be maintained within reasonable limits. Orig. art. has: 7 figures and 4 tables. [JPRS: 36,844]

SUB CODE: 13 / SUBM DATE: none / SOV REF: 001

Card 1/1 fv

Z/039/60/021/01/019/040

E073/E135

AUTHOR: Vladislav Matyáš

TITLE: Tunnel Diode and its Application

PERIODICAL: Slaboproudý Obzor, 1960, Vol 21, Nr 1, pp 51-52

ABSTRACT: A review of information abstracted from the following articles:

- 1) Esaki, L. New Phenomenon in Narrow Ge pn Junctions. Phys. Rev. Vol 109 (1958), Nr 2, pp 603-604.
- 2) Sommers, H.S. Tunnel Diodes as HF Devices. PIRE 1959, Nr 7, pp 1201-1206.
- 3) Chang, K.K.N. Low-Noise Tunnel-Diode Amplifier. PIRE 1959, Nr 7, pp 1268-1269.

Card
1/1

There are 4 figures.

VIADISLAV VALACH

Pathological & anatomical changes in the kidney in anuria. Sborn. lek.
59 no.3:67-76 Mar 57.

1. I. pathologicko-anatomicky ustav fakulty vseobecneho lekarstvi univer-
sity Karlovy v Praze.

(ANURIA, pathol.
kidneys, pathol. anat. (Cz))

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001860220012-9

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001860220012-9"

KRISTEA, N.[Cristea, N.]; VLADISLAVLEV, A.S.[translator]; YEVDOKIMOVA,
V.A., kand.tekhn. nauk, red.; SAVINA, Z.A., ved. red.; VORONOVA
V.V., tekhn. red.

[Underground hydraulics]Podzemnaia gidravlika. Pod red. V.A.
Evdokimovoi. Moskva, Gostoptekhizdat, Vol.1. 1961. 342 p.
Translated from the Rumanian. (MIRA 16:3)
(Oil fields--Fluid dynamics)

SHENKER, S.; VLADISLAVLEV, I.

Production of artificial chamois by the electrostatic method.
Prom.koop. 13 no.6:21 Je '59. (MIRA 12:9)

1. TSentral'naya nauchno-eksperimental'naya kozhobuvnaya laboratoriya
Soveta promyslovoy kooperatsii RSFSR.
(Chamois) (Synthetic products)

~~VLADISLAVLEV, I.~~, sotrudnik; VULAKH, M., sotrudnik; NAKHAMKES, S.,
sotrudnik (g. Moskva)

Technology of suede manufacture. Prom.koop. 12 no.11:18 N '58.
(MIRA 11:11)

1. TSentral'naya nauchno-eksperimental'naya kozhobuynaya laboratoriya,
Moskva.

(Leather industry)

VIADISLAV V. I. I., otvetstvennyy redaktor; MYUBINSKAYA, A.G., redaktor;
BAHSUKOVA, Yu.V., tekhnicheskiiy redaktor

[Patterns for house slippers] Modeli komnatnoi obuvi. [Moskva]
Koliz, 1956. 57 p. (MLRA 10:3)

1. Moscow. Tsentral'naya nauchno-eksperimental'naya kozhobuvnaya
laboratoriya rospromsoveta.
(Boots and shoes)

VLADISLAVLEV, L. A.

SHCHAPOV, Nikolay Mikhaylovich, professor, doktor tekhnicheskikh nauk,
laureat Stalinskoy premii; VLADISLAVLEV, L.A., redaktor;
MEDVEDEV, L.Ya., tekhnicheskiiy redaktor

[Flow meters for hydraulic engineering installations and hydraulic
machinery] Gidrometriia gidrotekhnicheskikh sooruzhenii i gidro-
mashin; teoreticheskoe i prakticheskoe rukovodstvo. Moskva, Gos.
energ. izd-vo, 1957. 236 p. (MLRA 10:8)
(Flow meters)

VLADISLAVLEV, L.A., inzh.

Norms on the vibration of hydraulic machinery. Elek. sta.
33 no.5:26-29 My '62. (MIRA 15:7)
(Hydraulic machinery--Vibration)
(Hydroelectric Power Stations--Standards)

VLADISLAVLEV, L.A., inzh.; KARAVAYEV, A.Ye., inzh.

Testing of a large hydrogenerator under natural conditions. Elek.
sta. 32 no.8:28-36 Ag '61. (MIRA 14:10)
(Turbogenerators--Testing)

8(6), 14(6)

SOV/112-59-2-2685

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 2, p 58 (USSR)

AUTHOR: Vladislavlev, L. A.

TITLE: Forces in Hydroturbines Under Various Conditions

(Usiliya, voznikayushchiye v gidroturbinakh pri razlichnykh rezhimakh)

PERIODICAL: V sb.: Eksperim. izuch. mechan. usiliy v gidrogeneratorakh.
M.-L., Gosenergoizdat, 1957, pp 91-102

ABSTRACT: Disturbing alternating forces of mechanical or hydraulic origin appearing during hydroturbine operation under various conditions are analyzed. The mechanical forces caused by an unbalanced rotor or by eccentricity of the hydro unit and the periodic component of hydraulic torque due to both the nonuniformity of the velocity field before the rotor and the vortices are considered, as well as forces due to cavitation. A summary table of disturbing forces of various origins is presented for various turbine types; characteristic frequencies are indicated. Load drop conditions and measures tending to reduce hydraulic impact are considered in detail. Bibliography: 6 items.

Card 1/1

N.D.P.

VLADISLAVLEV, L.A., inzhener; KHARIN, D.A., kandidat fiziko-matematicheskikh nauk.

Vibration of hydroelectric power units in transitional processes.
Elek.sta. 25 no.5:37-40 My '54. (MLRA 7:6)
(Hydroelectric power stations) (Vibration)

KOLESOVA, Ye.V.; VLADISLAVLEV, S.V., prof., red.; TITOVA, V.A.,
red.; ZORINA, V.A., tekhn. red.

[Mathematical processing of the results of measurements]
Matematicheskaya obrabotka rezul'tatov izmerenii. Moskva,
Rosvuzizdat, 1963. 125 p. (MIRA 17:4)

VLADISLAVLEV, V.S.

DECEASED

SEE ILC

MECHANICAL ENGINEERING

VLADISLAVOV, At.L.

Expansion of the network of institutions for orthodontic prevention and therapy. Stomatologia no.2:123-126 '54. (REAL 3:7)

1. Iz Okruzhnata stomatologichna poliklinika, Stara Zagora. Glaven lekar: St.D.Stoianov.
(ORTHODONTICS,
*in Bulgaria)

VLADISLAV, Rapant, prof., MUDr

Transparietal venography of the portal system and the transparietal cholangiography. Cas.lek.cesk. 94 no.14: 357-359 1 Apr 55.

1. Z chirurgické kliniky FV v Olomouci. Prednosta: prof. Dr. V. Rapant.

(ANGIOGRAPHY,
portal, transparietal, evaluation)
(VEINS, PORTAL SYSTEM, radiography,
angiography, transparietal, evaluation)
(BILE DUCTS, radiography,
cholangiography, transparietal, evaluation)

VLA DISL ALEV, L.A

621 313 122 331 471 317 39 621 317 315

Report

The Geophysical Institute has developed equipment for transforming mechanical vibrations into electric impulses for direct recording by a special narrow-gate electronic circuit. The principle of operation of the device is based on the fact that the mechanical vibrations of the ground are transformed into electric impulses by a special device.

The device is designed for recording of mechanical vibrations of the ground. It consists of a special device for transforming mechanical vibrations into electric impulses. The principle of operation of the device is based on the fact that the mechanical vibrations of the ground are transformed into electric impulses by a special device.

T. B. SEMANS

BOLKHOVITINOV, Nikolay Feodosyevich, professor, doktor tekhnicheskikh nauk; BOLKHOVITINOVA, Yelena Nikolayevna, dotsent, kandidat tekhnicheskikh nauk; KOLLI, A.Ya., inzhener, redaktor; VLADISLAVLEV, V.S., professor, retsenzent; POGODIN-ALEKSEYEV, G.I., professor, doktor tekhnicheskikh nauk, retsenzent; POPOVA, S.M., tekhnicheskiiy redaktor

[Atlas of normal microstructures of metals and alloys] Atlas normal'nykh mikrostruktur metallov i splavov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry, 1955. 94 p. (MLRA 9:2)
(Metallography)

USSR/Human and Animal Morphology. Circulatory System

S-2

Abstr Jour : Ref Zhur - Biol., No 7, 1958, No 31290

Author : ~~Vladislavlov I.I.~~

Inst : Not Given

Title : On the Anatomy of the Ramifications of the Axillary Artery of Man.

Orig Pub : Tr. Gor'kovsk. med. in-ta. Gor'kiy, Knigoizdat, 1956, 122-130

Abstract : By the method of injection of contrast masses with subsequent preparation and reontgenography of fetuses, variants of the topography of the axillary artery (AA) were studied in relation to the nerves of the brachial plexus and to the form of the trunk of the AA. Variations were observed in the origin of the branch stems of AA and the sources of nourishment of several muscles of the upper terminal end of the brachial zone. The sites of the entrance of vessels are noted in the separate muscles and the character of the ramification of the vessels in several of them.

Cord : 1/1

VLADIZIYEVSKIY, A.P., kandidat tekhnicheskikh nauk; YAKOBSON, M.O.,
kandidat tekhnicheskikh nauk.

[Installation, operation and repair of metal-cutting machines;
reference manual] Montazh, eksploatatsiia i remont metallo-
zhushchikh stankov; spravochnoe rukovodstvo. Moskva, Gos.
nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1946. 246 p.
(MLRA 7:2)
(Metal cutting)